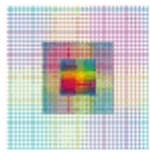


Energy Audit Management Procedures **AUDIT II project**

INTRODUCTION

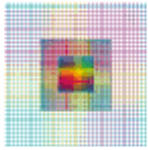
Heikki Väisänen

Motiva



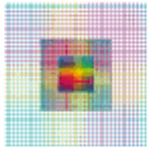
THE ENERGY AUDIT PROGRAMME IN FINLAND - A BRIEF HISTORY

- Energy audit subsidy scheme by Ministry of Trade and Industry, 1992-93
- 1993: Motiva established
 - Responsible for creating an energy audit programme
- 1994: Programme level activity started
- 1995: Full scale monitoring system established
- 1997: Energy audits integrated into voluntary agreements
- 1998: Three new audit models introduced
- 1999: Systematic quality control process developed
- 2000: New version of calculation tool Motiwatti introduced
- 2001: The ninth energy audit model put into force
- 2002: 1000th auditor authorised
- 2003: Renewables integrated into audits and energy audit programme updated



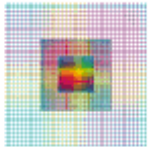
THE CONTENT OF THE INTRODUCTION

- The development of the Finnish Energy Audit Programme, lessons learned
- The AUDIT I project
 - some definitions
- The AUDIT II project
 - the outcomes



THE AUDIT I PROJECT

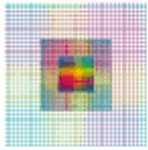
- First try in IEA-framework in 1995
- SAVE-project AUDIT I started in 1998
- Partners Finland, Greece and Norway
- Goals:
 - comprehensive study on energy auditing in EU countries
 - developing definitions on energy auditing
 - developing state-of-the-art approaches to energy auditing



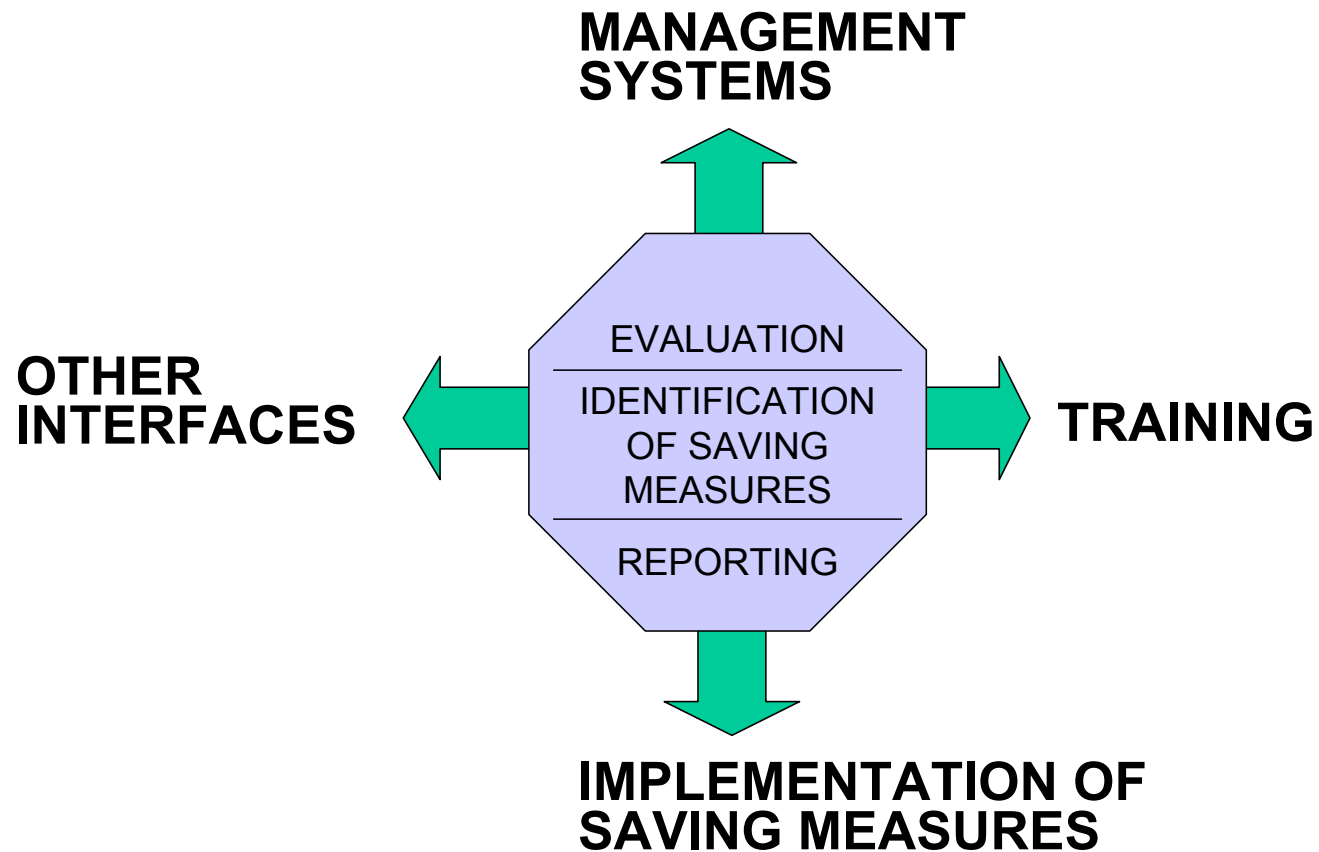
WHAT IS AN ENERGY AUDIT

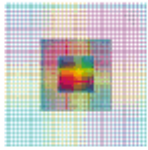
With energy audits we mean a systematic procedure where the purpose is to

- evaluation of the existing energy consumption
 - identification of the saving measures
 - reporting
- ...limited to existing buildings/sites/objects.

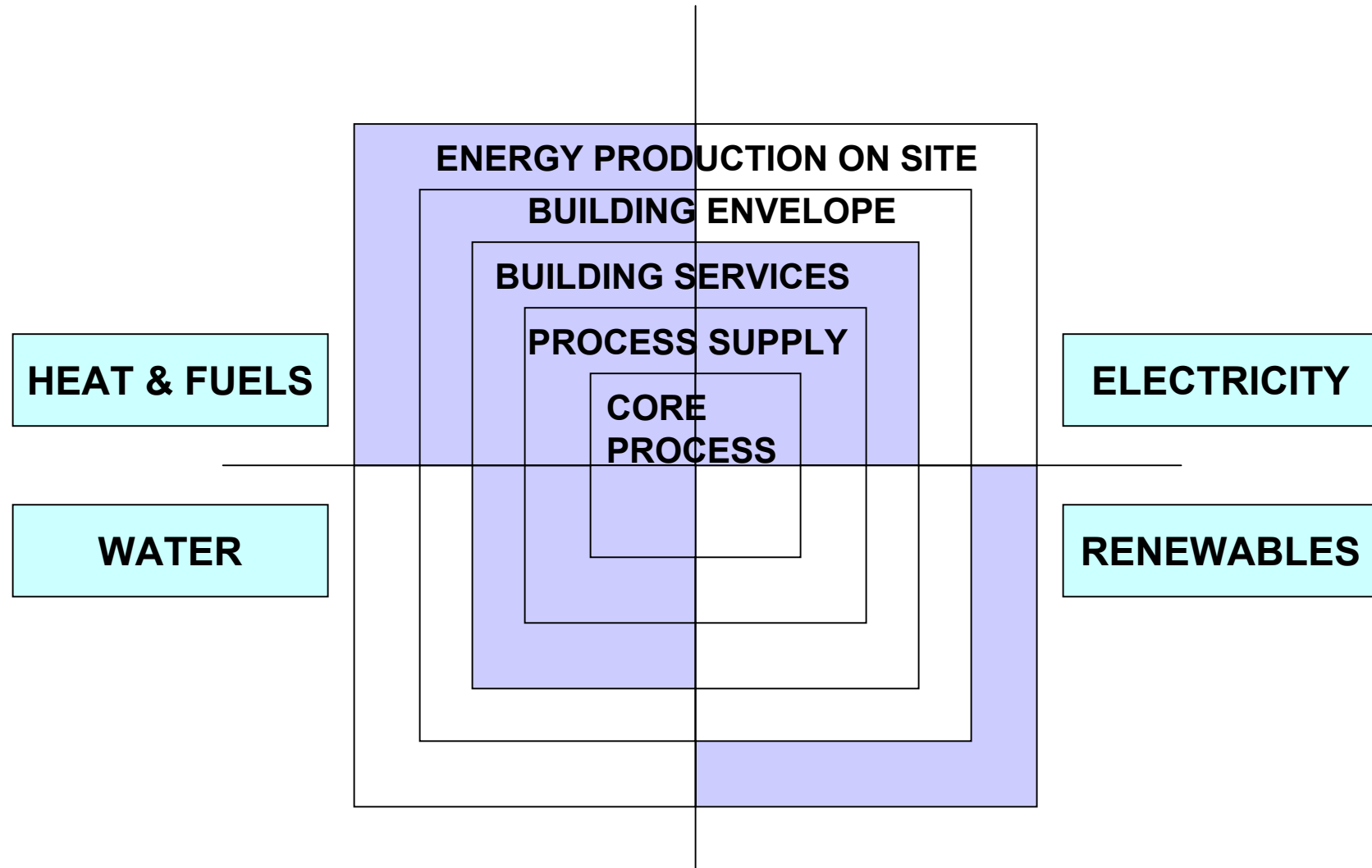


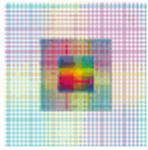
THE CONNECTIONS OF AN ENERGY AUDIT





THE TECHNICAL POINT OF VIEW





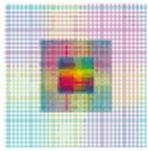
THE KEY PLAYERS

ADMINISTRATOR

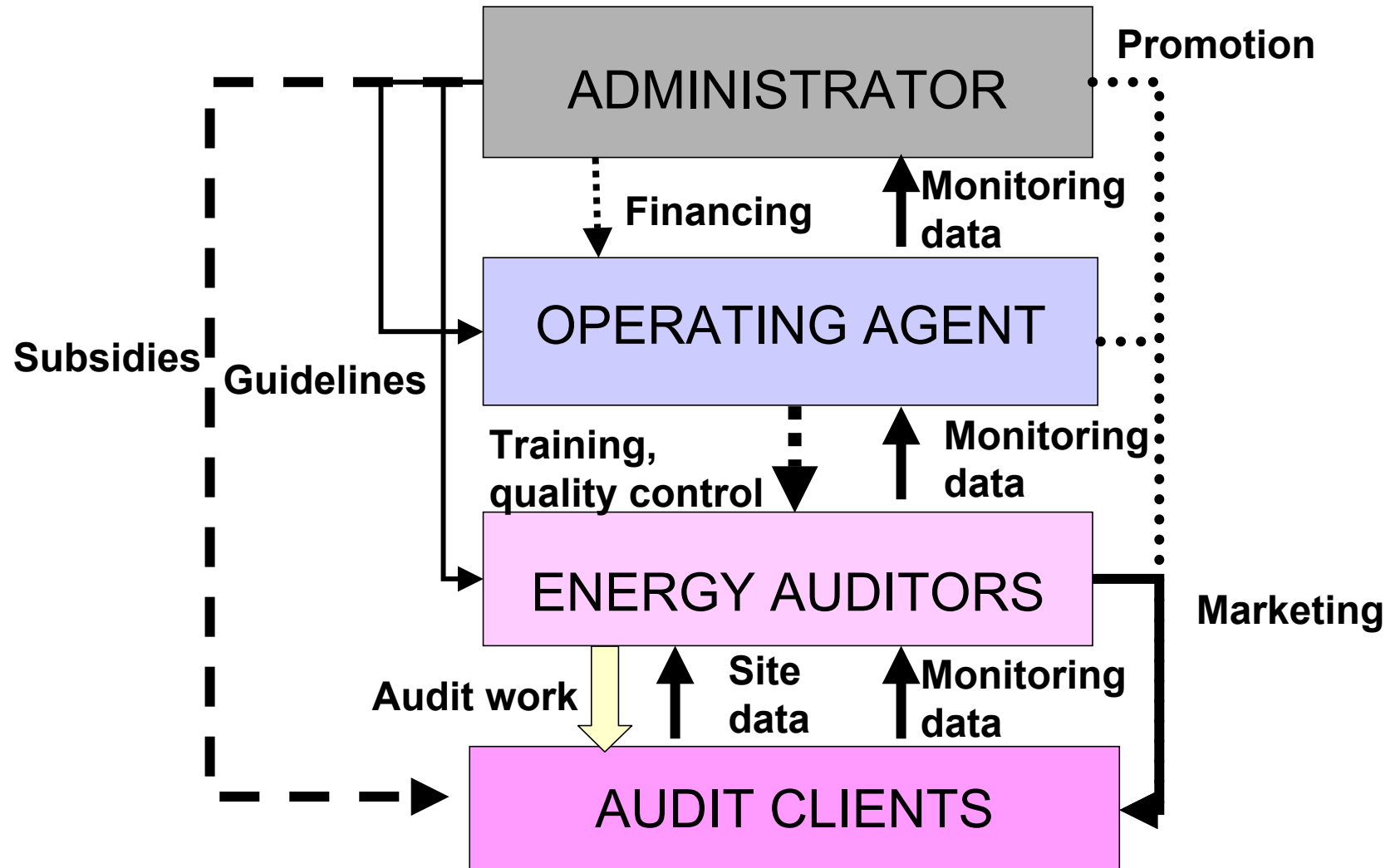
OPERATING AGENT

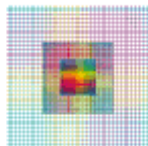
ENERGY AUDITORS

AUDIT CLIENTS

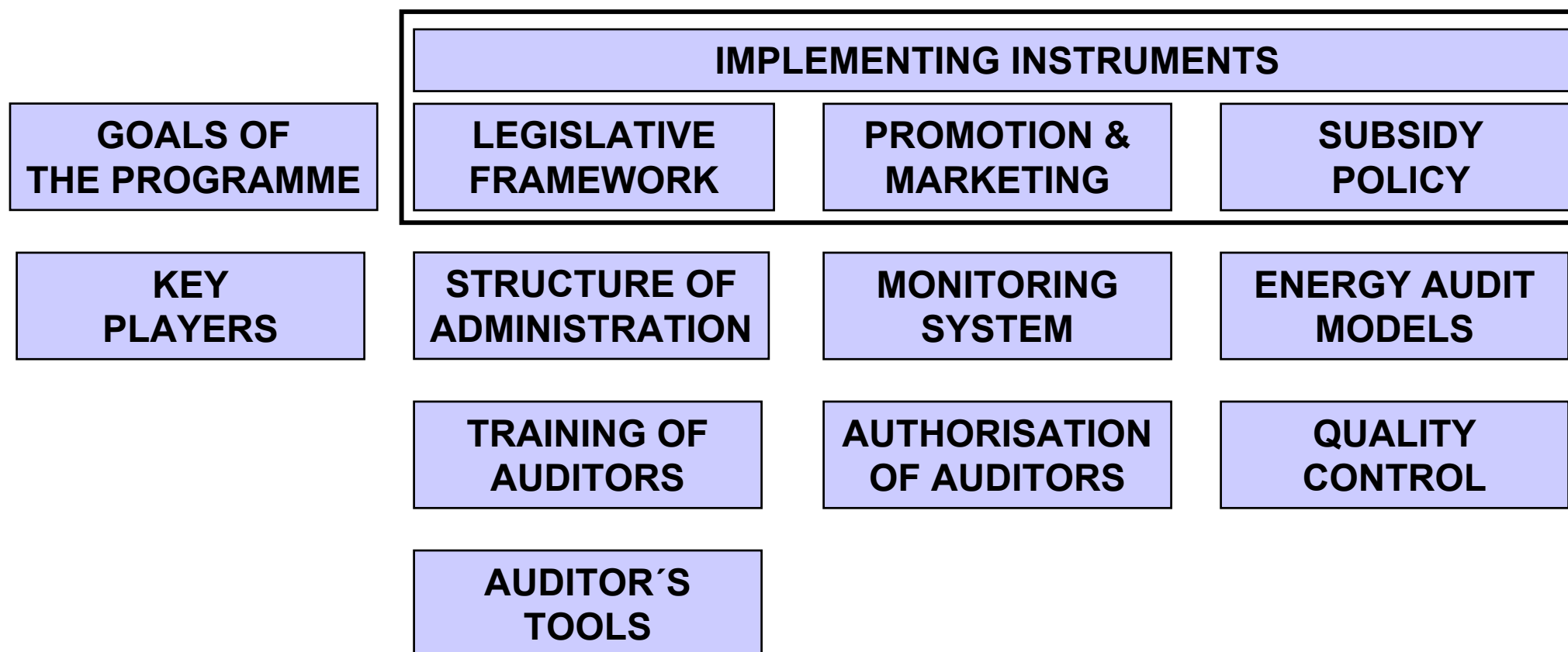


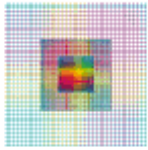
THE KEY PLAYERS





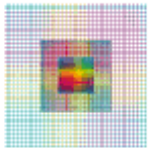
THE 12 ELEMENTS OF AN ENERGY AUDIT PROGRAMME



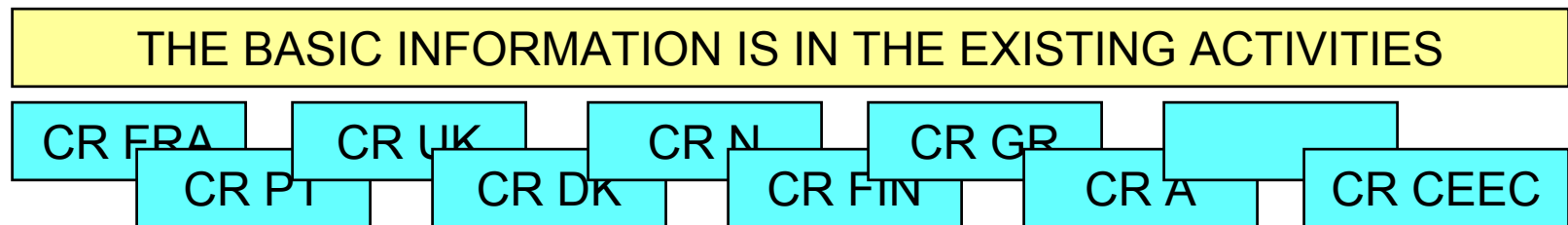


THE AUDIT II PROJECT

- The main aim is to start-up long-term and continuous EU-level Co-operation – broadened to the CEECs
- The country reports
 - The EU countries
 - The CEEC countries
- The topic reports on tools and methods
- A co-ordinated energy audit scheme at EU-level
- The Operating Agents' Network
- The seminar... we are here today

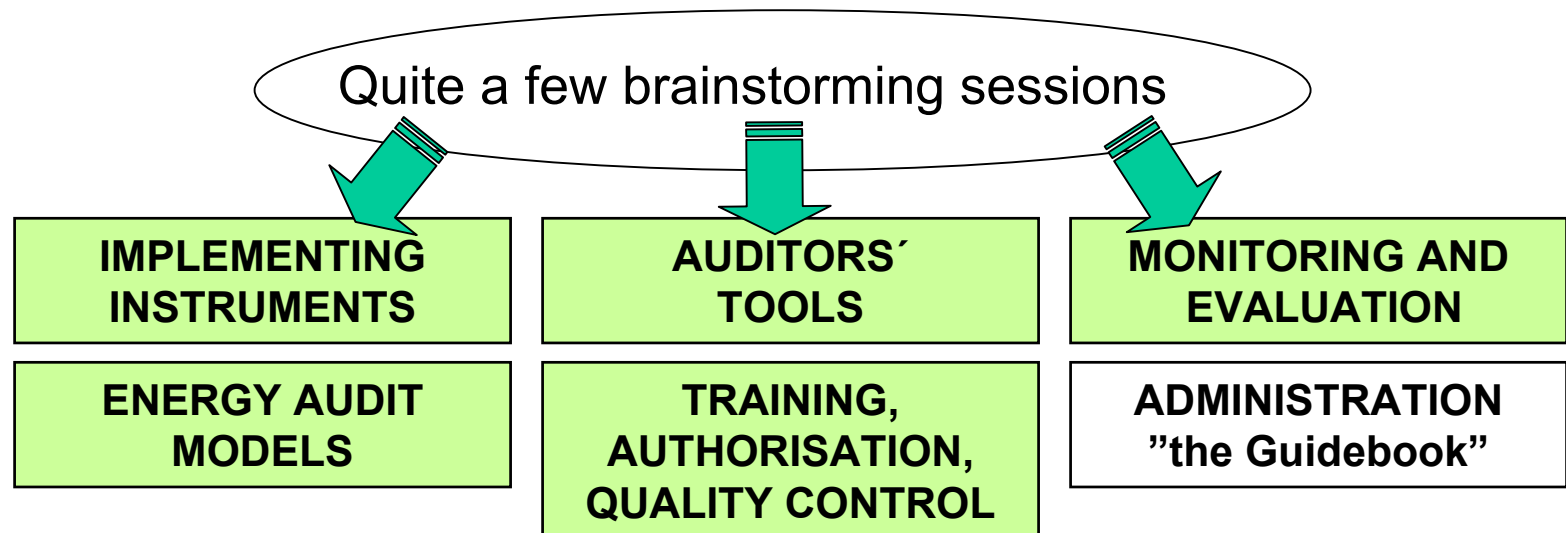


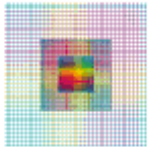
WIDER, DEEPER, TOGETHER



finally 26...28 valuable examples how it can be done !

THE BASIC ELEMENTS



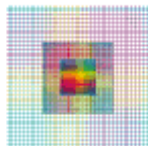


THE AUDIT II TEAM

Benedicte, Carlos, Erja, Hubert, Kari, Kostas,
Michael, Otto, William, Wäiski

We have written all we know
and all we understand

BUT LET'S SEE WHAT YOU THINK



THE 12 ELEMENTS OF AN ENERGY AUDIT PROGRAMME

